

From: Cynthia Caporale/ESC/R3/USEPA/US
Sent: 1/11/2012 9:54:35 AM
To: Richard Rupert/R3/USEPA/US
CC:
Subject: Fw: Dimock RLs

Rich,

I will need some guidance on this issue. How critical are the PAHs? This can be done but it requires an additional extraction (more sample volume) and a separate analysis. We are trying to determine if we can do the work in our lab or if we need another Regional lab to assist. I'd like to do as much as possible with our lab but if this is a necessity then we'll make it work.

Also, can we assume no sampling this week? I am having a conference call with the other regional labs and I'd like to give them an update on status.

Thanks again,
Cindy

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----- Forwarded by Cynthia Caporale/ESC/R3/USEPA/US on 01/11/2012 09:51 AM -----

From: Stevie Wilding/ESC/R3/USEPA/US
To: Eric Graybill/ESC/R3/USEPA/US@EPA, kevin Poff/ESC/R3/USEPA/US@EPA
Cc: Kevin Martin/ESC/R3/USEPA/US@EPA, Cynthia Caporale/ESC/R3/USEPA/US@EPA
Date: 01/11/2012 09:15 AM
Subject: Fw: Dimock RLs

Eric/Kevin P,

See Gene Nance's message below. We may need to do PAH via SIM or TOF.

----- Forwarded by Stevie Wilding/ESC/R3/USEPA/US on 01/11/2012 09:13 AM -----

From: "Nance, Gene" <Gnance@TechLawInc.com>
To: Stevie Wilding/ESC/R3/USEPA/US
Date: 01/10/2012 08:07 PM
Subject: Dimock RLs

Stevie,

I reviewed the RLs list. We don't have any assigned site-specific action limits, but I just compared with the Safe drinking water act MCLs and the RPA Regional Screening Levels (RSLs) if no MCL was published. I didn't have time to look up many of the compounds, but my findings follow: All the metals RLs were at or below the MCLs. I only looked up some of the SVOCs. I believe the OLC03.2 CRQLs are adequate for the phthalates, which are some of the site-specific contaminants. But a significant number of the PAH compounds have very low RSLs, some below 1 ug/l. (I think benzo(a)pyrene has an RSL ~ 0.0029 ug/l for tap water). I don't know if the PAHs have been detected at the site, but the RP had their samples analyzed by what they called '8270W', evidently a variation of the SW846 SVOC method, and had a 1.0 ug/l RL (PQL). When we had a similar Marcellus Shale-related site last summer, we had the lab do the PAHs by 8270C SIM, which had a 0.1 ug/L RL for the PAHs included in the TCL. I didn't have time to check the VOCs, but from

previous projects, I believe virtually all the OLC03.2 CRQLs are at or near the MCLs/RSLs.

This is just FYI. The PM has asked one of the OSCs if they have action levels or standards that the data will be compared with, but we haven't received any to date.

Gene Nance

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